

From: Carl Ekstrom - Infotech N [carl@infotechnorth.com]  
Sent: Monday, December 14, 2009 6:31 PM  
To: Rosemary Buchanan; Chris Kirby  
Subject: JP58167798 English abstract and PDF  
Attachments: JP58167798A.pdf

Abstract of JP 58167798 (A)

**PURPOSE:** To prepare the titled film low in cost and good in corrosion resistance and scratch resistance, by a method wherein a porous anodic oxidation film is formed on Al (alloy) and the treated Al (alloy) is electrolyzed in an electrolytic bath containing a water soluble metal salt to deposit a proper metal in fine pores of the film by electrolytic precipitation.

**CONSTITUTION:** Al or an Al alloy is subjected to anodic oxidation treatment to form a porous anodic oxidation film. In the next step, electrolysis is carried out in an electrolytic bath containing a water soluble metal salt of one kind or more metal among Mn, Cu, Sn, Ni, Zn and Ag by using Al as a cathode to deposit the metal preventing the fouling of ocean organisms in fine pores of the film by electrolytic precipitation. Subsequently, according to necessity, sealing is applied.

PDF attached (best wishes on that)

Source for both: espace

Happy Holidays! Thank you for your continued support.

Brenda

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